1. I have been working as a “ DevOps Engineer ”. My primary Roles and responsliblity include Creating &Managing infrastructure for Developers, testers & DB admins. Automation is the key responsiblity of my team.

2. Ansible is our primary automation tool.

We also use puppet for some older clients.

We are recently working on docker and have successfully setup a Dev & Test environment for Developers and testers by using docker build & compose.

3. We support Python, PHP & Java application deployment.

Most of our infrastructure is hosted on AWS cloud, our job is to setup ec2 instances and prerequisites on the instances for deploying applications through automation tools.

4. We work very closely with Developers and Build & Release team. We setup Jenkins server & nodes for build and release team as per request.

5. Once we get the artifacts to deploy on the servers or instances, we use Ansible or Puppet for deploying the artifacts and share same automation script with Build and release team. We also provide KT to developers, testers & Build team on automations scripts so they can execute and even modify the scripts as per their need.

6. I am very passionate about Automation and I use ansible the most, my recent interest is in Docker and AWS cloud. I have successfuly written ansible playbooks and roles for code deployments. Currently I am converting static playbooks to ansible roles, I have successfully created roles for Appserver(Apache+php, Java+tomcat, Python+flask), Dbservers(Mysql) and nginx server which can be reused by any projects by just providing the right variable information while executing the roles.

7. I also code in puppet and currently converting all the puppet manifests into modules for reusablity.

8. Apart from automation,

We use github to keep all our source code and automation scripts.

I personally use Vagrant to test our automation scripts on virtual machines before moving it into real time servers.

9. I also have knowledge about jenkins and build process and we use jenkins jobs to initiate some of our ansible playbooks for deployment.